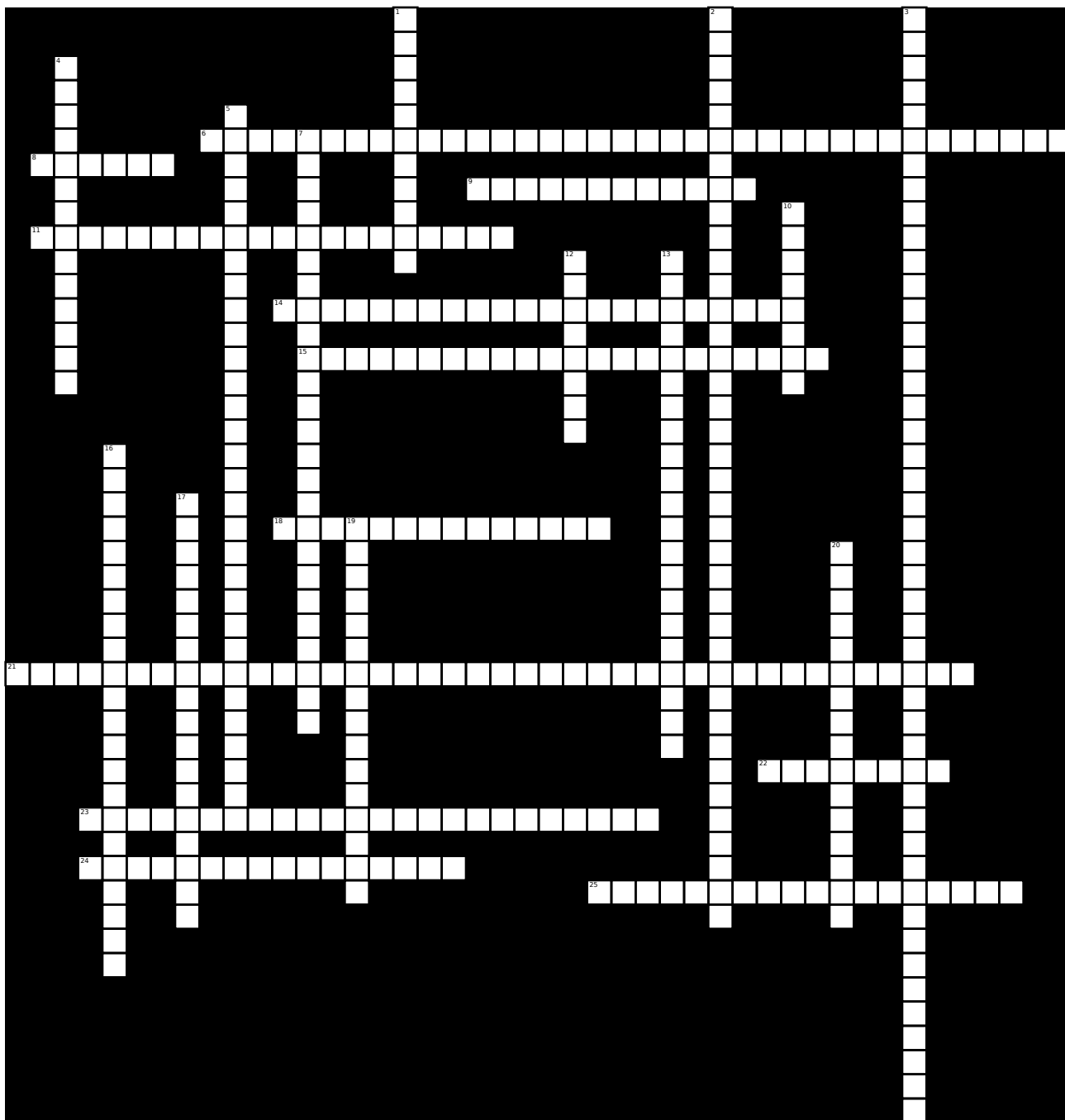


standred 1 crossword

steven clubb



- Across
- 6 a line, line segment, or ray that is perpendicular to a side at its midpoint
 - 8 the value below which 50% of the cases fall
 - 9 the point of concurrency of the perpendicular bisectors of a triangle
 - 11 perpendicular bisectors of a triangle intersect at a point equidistant from the vertices of the triangle
 - 14 a form of proof that establishes the truth or validity of a proposition by showing that the proposition being false would imply a contradiction
 - 15 if a point is on the bisector of an angle, then it is equidistant from 2 sides of the angle
 - 18 a type of proof where it is first assumed that the statement is false. If the assumption leads to an impossibility, than the original statement has to be proven true
 - 21 3 or more lines, line segments, or rays that intersect at the same point
 - 22 the center of mass of an object of uniform density
 - 23 a line segment that connects the midpoints of 2 sides of a triangle
 - 24 the medians of a triangle intersect at the centroid which is $\frac{2}{3}$ the distance from each vertex to the opposite midpoint
 - 25 all possibilities are considered and then all but one are proved false

- Down
- 1 point of concurrency of the altitudes of a triangle
 - 2 if a point is equidistant from 2 sides of the angle, then the point is on the angle bisector
 - 3 if a point is equidistant from the endpoints of the line segment, then the point is on the perpendicular bisector of the line segment
 - 4 a ray that divides an angle into two congruent angles
 - 5 if a point is on the perpendicular bisector of a line segment, then it is equidistant from the endpoints of the segment
 - 7 the measure of an exterior angle of triangle is greater than the measure of either of the two nonadjacent interior angles
 - 10 the point of concurrency of the angle bisectors of a triangle
 - 12 elevation especially above sea level or above the earth's surface
 - 13 the point where three lines intersect
 - 16 A line that is perpendicular to a segment at its midpoint.
 - 17 the midsegment is parallel to the opposite side and measures half of the opposite side
 - 19 angle bisectors intersect at the incenter which is equidistant from sides of a triangle
 - 20 three or more lines that intersect at a common point